R = alkyl, alkenyl, aryl, alkylaryl or arylalkyl comprising between 1 to 15 carbon atoms, further optionally comprising an atom or group selected from the group consisting of oxygen atom, sulfur atom, ester, carbonyl, carboxyl, amido, and amino;

R^5 = alkylene, arylene, arylenealkylene or alkylenearylene comprising between 1 to 15 carbon atoms, wherein optionally one or more radicals is interrupted by an atom or group selected from the group consisting of oxygen atom, sulfur atom, ester, carbonyl, carboxyl, amido, and amino;

R^6 = alkylene, arylene, arylenealkylene or alkylenearylene comprising between 1 to 15 carbon atoms, wherein optionally one or more radicals is interrupted by an atom or group selected from the group consisting of oxygen atom, sulfur atom, ester, carbonyl, carboxyl, amido, and amino;

X = hydrogen, halogen, hydroxyl, alkoxy, acyloxy, alkylcarbonyl, alkoxycarbonyl or NR''_2, where R'' = hydrogen, alkyl, aryl or alkylaryl;

a = 1, 2 or 3;

n = 2, 3, 4 or 5;

x = 1, 2 or 3, where a+x = 2, 3 or 4.

10. (2x amended) The process as claimed in claim 1, wherein said liquid comprises polycondensates comprising at least one compound selected from the group consisting of a compound according to formula II or III wherein radical B has at least one acrylate or methacrylate group, and comprises a compound according to the formula VI

$$[(HSR^5)_nR^6\text{-}S\text{-}E\text{-}R^5]_a\ SiX_xR_{4-a-x} \qquad \text{(VI)}$$

wherein

E = -CO-NH-, -CS-NH-, $-CH_2-CH_2-$ or $-CH_2-CH(OH)-$;

R = alkyl, alkenyl, aryl, alkylaryl or arylalkyl comprising between 1 to 15 carbon atoms, further optionally comprising an atom or group selected from the group consisting of oxygen atom, sulfur atom, ester, carbonyl, carboxyl, amido, and amino;

R^5 = alkylene, arylene, arylenealkylene or alkylenearylene comprising between 1 to 15 carbon atoms, wherein optionally one or more radicals is interrupted by an atom or group selected from the group consisting of oxygen atom, sulfur atom, ester, carbonyl, carboxyl, amido, and amino;

R^6 = alkylene, arylene, arylenealkylene or alkylenearylene comprising between 1 to 15 carbon atoms, wherein optionally one or more radicals is interrupted by an atom or group selected from the group consisting of oxygen atom, sulfur atom, ester, carbonyl, carboxyl, amido, and amino;

X = hydrogen, halogen, hydroxyl, alkoxy, acyloxy, alkylcarbonyl, alkoxycarbonyl or NR''_2, where R'' = hydrogen, alkyl, aryl or alkylaryl;

a = 1, 2 or 3;

n = 2, 3, 4 or 5;

x = 1, 2 or 3, where a+x = 2, 3 or 4.